

Greenway Cross Section Comparison Information updated December 16, 2011

	Barrier Separated Path		Swale Separated Path	
Design Element	Pros	Cons	Pros	Cons
General	Considered a safer design with controlled access to Clear Creek.	Requires a wider section, resulting a larger overall footprint and increased retaining wall heights.	Requires a narrower section with less visual impacts, lower retaining walls and continuous access to Clear Creek. Less construction cost. Allows for ability to "meander" the path.	Provides no physical protection between the path and CR 314.
Roadway guardrail between path and CR 314	Provides physical protection for path users from errant vehicles. The path "feels" safer to all users due to the separation. Restricts vehicles from parking on the path.		Without guardrail, no maintenance is required. Inside shoulder of CR 314 may be reduced to 2 feet. Eliminates NEPA conflict between projects caused by the barrier.	Without guardrail, significantly errant vehicles could travel onto the path or possibly park on it, creating a safety issue for path users.
42" railing adjacent to CR 314	Provides physical protection for path users from toppling into the roadway.	from the path, requiring a wider path section. Adds another maintenance	Without railing, no maintenance is required and visibility and wildlife are not impacted. Inside recovery area on the path may be reduced to 2 feet.	Without railing, path users have direct access to CR 314, possibly creating safety issues for vehicles.
42" railing adjacent to Clear Creek (only at cantilever retaining walls)	Provides physical protection for path users from toppling into the creek.	inches, detracting from the visual experience as well as creating a	Without railing, no maintenance is required and visibility and wildlife are not impacted. Outside recovery area on the path may be reduced to 2 feet, depending on the steepness of the slopes. Recreational access to creek is enhanced.	Short separation from the path to the creek could present a hazard for significantly errant bicyclists.
Swale between the path and CR 314	Without a swale there is less chance for water to seep below the trail or	Without a swale, water quality enhancements are significantly	opportunity to add a water quality	Parking of vehicles in the swale or onto path could be a problem. If
	roadway.	restricted due to the narrow corridor.	feature between the roadway and the creek.	grassed, moving will be required.
Other significant design elements??	roadway.	restricted due to the narrow corridor.		grassed, moving will be required.